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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/647,554	08/25/2003	J. David Carlson	IR-2803(EV)DIV2	3115	
7590 06/23/2006			EXAM	EXAMINER	
Lord Corporation			SCHWARTZ, CHRISTOPHER P		
111 Lord Drive PO Box 8012			ART UNIT	PAPER NUMBER	
Cary, NC 275	12-8012	3683			

DATE MAILED: 06/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)			
Office Action Summary		10/647,554	CARLSON, J. DAVID			
		Examiner	Art Unit			
		Christopher P. Schwartz	3683			
The MAILI Period for Reply	NG DATE of this communication ap	pears on the cover sheet with the	correspondence address			
WHICHEVER IS - Extensions of time marger SIX (6) MONTHS - If NO period for reply - Failure to reply within Any reply received by	STATUTORY PERIOD FOR REPL LONGER, FROM THE MAILING D by be available under the provisions of 37 CFR 1.15 from the mailing date of this communication. It is specified above, the maximum statutory period the set or extended period for reply will, by statute the Office later than three months after the mailingustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION (36(a)). In no event, however, may a reply be twill apply and will expire SIX (6) MONTHS from the cause the application to become ABANDON	N. imely filed the mailing date of this communication. ED (35 U.S.C. § 133).			
Status						
 Responsive to communication(s) filed on 20 March 2006. This action is FINAL. 2b) This action is non-final. Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. 						
Disposition of Claim	ns					
4a) Of the a 5) ☐ Claim(s) 6) ☑ Claim(s) 1, 7) ☐ Claim(s) 8) ☐ Claim(s) Application Papers 9) ☐ The specific 10) ☐ The drawing	7,10,11 and 13-21 is/are pending in bove claim(s) 2-7,10 and 11 is/are is/are allowed. 13-21 is/are rejected. is/are objected to. are subject to restriction and/outside ation is objected to by the Examine allowed is/are: a) □ according to request that any objection to the	withdrawn from consideration. or election requirement. er. erted or b) objected to by the				
Replacemen	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).					
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S	S.C. § 119					
a) ☐ All b) ☐ 1. ☐ Certii 2. ☐ Certii 3. ☐ Copie applie	ment is made of a claim for foreign Some * c) None of: fied copies of the priority document fied copies of the priority document es of the certified copies of the priocation from the International Bureas thed detailed Office action for a list	s have been received. s have been received in Applica rity documents have been receiv u (PCT Rule 17.2(a)).	tion No ved in this National Stage ed.			
· <u></u>	on's Patent Drawing Review (PTO-948) re Statement(s) (PTO-1449 or PTO/SB/08)	4) Interview Summar Paper No(s)/Mail D 5) Notice of Informal 6) Other:				

DETAILED ACTION

Applicant's response filed March 20, 2006 has been received and considered.
 The finality of the previous Office action has been withdrawn.

Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1,13-20 rejected under 35 U.S.C. 103(a) as being unpatentable over Shibahata et al. in view of Arai or Feigel.

Regarding claims 1 and 13-20 Shibahata et al. discloses a device for magnetizing magnetizable attracting members 13 of a movable member 4,12 into contact with a housing to create a damping effect via friction. See the discussion in column 4 lines 27-42 and lines 55-59.

Lacking in Shibahata is a discussion of the particular ferromagnetic materials of the piston and housing, the sensor arrangement and a discussion that the housing moves into contact with the magnetizable members..

Such magnetic materials are well known however and would have been obvious to the ordinary skilled worker in the art.

The limitation of "... a magnetic field to attract said housing magnetic field attracted material into contact with said movable member.." in claim 1 is broad in scope. Notwithstanding this argument the limitation is considered to be an obvious alternative

equivalent arrangement to that of Shibahata since this patent creates the same effect of friction type damping between the movable member and the housing using magnetizable members of the movable member.

Arai or Feigel are relied upon to teach well known sensor arrangements that could be used in the device of Shibahata et al. to determine the relative position of the movable member and control the level of damping or the adjust the height of the vehicle.

The limitations of claims 13-20 are obvious in view of the teachings of the references above (what they would collectively convey to the ordinary skilled worker) and what is well known in the art.

4. Claim 21 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shibahata et al. in view of Arai or Feigel as applied to claim 1 above, and further in view of Weitzenhof et al..

Weitzenhof et al.is relied upon to provide the known idea of providing an annular chamber or transfer duct 37 with two interior chambers 38,39 via grooves 40.

The housing of Shibahata et al. could be modified with grooves to provide communication to an annular chamber surrounding the interior chambers, as taught by Weitzenhof etal.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher P. Schwartz whose telephone number is 571-272-7123. The examiner can normally be reached on M-F 10:30-7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jim McClellan can be reached on 571-272-6786. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Cps 6/21/06